

## SEQUENCE LISTING

&lt;110&gt; Alnemri, Emad S.

<120> AN IAP BINDING PEPTIDE OR POLYPEPTIDE  
AND METHODS OF USING THE SAME

&lt;130&gt; 480140.465

&lt;140&gt; US

&lt;141&gt; 2001-08-24

&lt;160&gt; 18

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 1358

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (20)...(739)

&lt;400&gt; 1

```

ggcggtccgcg cgctgcaca atg gcg gct ctg aag agt tgg ctg tcg cgc agc 52
                        Met Ala Ala Leu Lys Ser Trp Leu Ser Arg Ser
                          1           5           10

```

```

gta act tca ttc ttc agg tac aga cag tgt ttg tgt gtt cct gtt gtg 100
Val Thr Ser Phe Phe Arg Tyr Arg Gln Cys Leu Cys Val Pro Val Val
      15           20           25

```

```

gct aac ttt aag aag cgg tgt ttc tca gaa ttg ata aga cca tgg cac 148
Ala Asn Phe Lys Lys Arg Cys Phe Ser Glu Leu Ile Arg Pro Trp His
      30           35           40

```

```

aaa act gtg acg att ggc ttt gga gta acc ctg tgt gcg gtt cct att 196
Lys Thr Val Thr Ile Gly Phe Gly Val Thr Leu Cys Ala Val Pro Ile
      45           50           55

```

```

gca cag aaa tca gag cct cat tcc ctt agt agt gaa gca ttg atg agg 244
Ala Gln Lys Ser Glu Pro His Ser Leu Ser Ser Glu Ala Leu Met Arg
      60           65           70           75

```

```

aga gca gtg tct ttg gta aca gat agc acc tct acc ttt ctc tct cag 292
Arg Ala Val Ser Leu Val Thr Asp Ser Thr Ser Thr Phe Leu Ser Gln
      80           85           90

```

```

acc aca tat gcg ttg att gaa gct att act gaa tat act aag gct gtt 340
Thr Thr Tyr Ala Leu Ile Glu Ala Ile Thr Glu Tyr Thr Lys Ala Val

```

	95	100	105	
tat acc tta act tct ctt tac cga caa tat aca agt tta ctt ggg aaa				388
Tyr Thr Leu Thr Ser Leu Tyr Arg Gln Tyr Thr Ser Leu Leu Gly Lys				
	110	115	120	
atg aat tca gag gag gaa gat gaa gtg tgg cag gtg atc ata gga gcc				436
Met Asn Ser Glu Glu Glu Asp Glu Val Trp Gln Val Ile Ile Gly Ala				
	125	130	135	
aga gct gag atg act tca aaa cac caa gag tac ttg aag ctg gaa acc				484
Arg Ala Glu Met Thr Ser Lys His Gln Glu Tyr Leu Lys Leu Glu Thr				
	140	145	150	155
act tgg atg act gca gtt ggt ctt tca gag atg gca gca gaa gct gca				532
Thr Trp Met Thr Ala Val Gly Leu Ser Glu Met Ala Ala Glu Ala Ala				
	160	165	170	
tat caa act ggc gca gat cag gcc tct ata acc gcc agg aat cac att				580
Tyr Gln Thr Gly Ala Asp Gln Ala Ser Ile Thr Ala Arg Asn His Ile				
	175	180	185	
cag ctg gtg aaa ctg cag gtg gaa gag gtg cac cag ctc tcc cgg aaa				628
Gln Leu Val Lys Leu Gln Val Glu Glu Val His Gln Leu Ser Arg Lys				
	190	195	200	
gca gaa acc aag ctg gca gaa gca cag ata gaa gag ctc cgt cag aaa				676
Ala Glu Thr Lys Leu Ala Glu Ala Gln Ile Glu Glu Leu Arg Gln Lys				
	205	210	215	
aca cag gag gaa ggg gag gag cgg gct gag tcg gag cag gag gcc tac				724
Thr Gln Glu Glu Gly Glu Glu Arg Ala Glu Ser Glu Gln Glu Ala Tyr				
	220	225	230	235
ctg cgt gag gat tga gggcctgagc aactgccct gtctccccac tcagtgggga				779
Leu Arg Glu Asp *				
aagcaggggc agatgccacc ctgcccaggg ttggcatgac tgtctgtgca ccgagaagag				839
gcggcaggtc ctgccctggc caatcaggcg agacgccttt gtgagctgtg agtgcctcct				899
gtggtctcag gcttgcgctg gacctggttc ttagcccttg ggcaactgcac cctgtttaac				959
atttcacccc actctgtaca gctgctctta cccatttttt ttacctcaca cccaaagcat				1019
tttgcttacc tgggtcagag agaggagtcc tttttgtcat gcccttaagt tcagcaactg				1079
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ttgggatgcc agttgtggca gggggagggg aacctgtcca gtttgtacga tttctttgta				1199
tgtatttctg atgtgttctc tgatctgccc ccactgtcct gtgaggacag ctgaggccaa				1259
ggagtgtaaa acctattact actaagagaa ggggtgcaga gtgtttacct ggtgctctca				1319
acaggactta acatcaacag gacttaacac agaaaaaaa				1358

&lt;210&gt; 2

&lt;211&gt; 40

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

<400> 2

Ala	Val	Pro	Ile	Ala	Gln	Lys	Ser	Glu	Pro	His	Ser	Leu	Ser	Ser	Glu
1				5				10					15		
Ala	Leu	Met	Arg	Arg	Ala	Val	Ser	Leu	Val	Thr	Asp	Ser	Thr	Ser	Thr
		20						25					30		
Phe	Leu	Ser	Gln	Thr	Thr	Tyr	Ala								
		35					40								

<210> 3

<211> 5

<212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Arg, Gln or Gly

<400> 3

Gln	Ala	Cys	Xaa	Gly
1				5

<210> 4

<211> 7

<212> PRT

<213> Homo sapiens

<400> 4

Met	Lys	Ser	Asp	Phe	Tyr	Phe
1				5		

<210> 5

<211> 5

<212> PRT

<213> Homo sapiens

<400> 5

Ala	Val	Pro	Ile	Ala
1				5

<210> 6

<211> 7

<212> PRT

<213> Homo sapiens

<400> 6

Ala	Val	Pro	Ile	Ala	Gln	Lys
1				5		

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<210> 7  
 <211> 30  
 <212> PRT  
 <213> Homo sapiens

<400> 7  
 Ala Val Pro Ile Ala Gln Lys Ser Glu Pro His Ser Leu Ser Ser Glu  
 1 5 10 15  
 Ala Leu Met Arg Arg Ala Val Ser Leu Val Thr Asp Ser Thr  
 20 25 30

<210> 8  
 <211> 39  
 <212> PRT  
 <213> Homo sapiens

<400> 8  
 Ala Val Pro Ile Ala Gln Lys Ser Glu Pro His Ser Leu Ser Ser Glu  
 1 5 10 15  
 Ala Leu Met Arg Arg Ala Val Ser Leu Val Thr Asp Ser Thr Ser Thr  
 20 25 30  
 Phe Leu Ser Gln Thr Thr Tyr  
 35

<210> 9  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 9  
 Met Lys Ser Asp Phe Tyr Phe Gln Lys  
 1 5

<210> 10  
 <211> 8  
 <212> PRT  
 <213> Homo sapiens

<400> 10  
 Thr Asp Ser Thr Ser Thr Phe Leu  
 1 5

<210> 11  
 <211> 35  
 <212> PRT  
 <213> Homo sapiens

<400> 11  
 Ala Val Pro Ile Ala Gln Lys Ser Glu Pro His Ser Leu Ser Ser Glu  
 1 5 10 15

```
<400> 16
Ala Val Pro Phe
1
```

```
<210> 17
<211> 4
<212> PRT
<213> Mus musculus
```

<400> 17  
Ala Val Pro Tyr  
1

```
<210> 18
<211> 4
<212> PRT
<213> Xenopus sp.
```

```
<400> 18
Ala Thr Pro Val
1
```

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